



Excellence in Compliance Testing

5015 B. U. Bowman Dr.
Buford, GA 30518

September 25, 2014

ACS TCB
5015 B.U. Bowman Drive
Buford, GA 30518

Re: FCC ID: VEYCN3200R1

To Whom It May Concern:

The following application is submitted on behalf of our client, xG Technology, Inc., for evaluation of their CN3200 for certification under FCC Part 15.247.

The model CN3200 consists of 900 MHz 2TX/4RX MIMO transceiver which uses the same RF board as the FCC ID: VEYXAP1. The CN3200 uses a 11.3 dBi panel antenna which is cross-polarized for the TX side. The unit also includes a 2.4 GHz WLAN module (VEYCN3200W1). The CN3200 was evaluated for all available modulations at the maximum allowable duty cycle.

To comply to the unintentional radiated emissions requirements the unit uses a total of eight (8) ferrites on the Ethernet cables. Four (4) ferrites (FAIR-RITE 0443164251) are used on the shielded Ethernet cable from the EUT to the POE adapter. The additional four (4) ferrites (FAIR-RITE 0443164251) are used on the Ethernet cable from the POE adapter to the remote laptop computer.

The FCC ID: VEYCN3200R1 was tested as described above to the aforementioned rules and was found to be in compliance.

Sincerely,

Sam Wismer
Vice President, Technology
Advanced Compliance Solutions, Inc.